

ROUTING SLIP

FROM:

TID

DATE:

21 June

	TO	INITIALS	DATE	FOR YOUR													
				SIGNATURE	INFORMATION	COMMENTS	CONCURRENCE	APPROVAL	ACTION	SEE REMARKS BELOW	FILE	RETURN	SEE ME				
DIR	<i>1</i>																
DEP/DIR																	
EXEC/DIR																	
ASST FOR OPS																	
ASST FOR ADMIN																	
ASST FOR P&D																	
CH/CSD																	
CH/PSD																	
CH/PD																	
CH/TID																	
SIO/CIA (PID)																	
SIO/ARMY																	
SIO/NAVY																	
SIO/AF																	
LO/DIA																	
LO/NSA																	

REMARKS:

Russell Lane

HANDLE VIA TALENT-KEYHOLE CONTROLS ONLY

21 JUN 1963

**WARNING**

"This document contains information affecting the National Defense of the United States within the meaning of the espionage laws, Title 18, USC, Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law".

It is to be seen only by U. S. PERSONNEL especially indoctrinated and authorized to receive TALENT-KEYHOLE information: Its security must be maintained in accordance with KEYHOLE and TALENT regulations.

TOP SECRETTCS-1641-63/KH
21 June 1963Copy 1

MEMORANDUM FOR: Director, NPIC

SUBJECT: Comments on Draft by Dr. E. Purcell, 12 June 1963

1. I read with interest the report of the Purcell panel.
2. We recognize that an improvement in the current M system would assist us in answering additional requirements that the present M system has not permitted. (Improvement does not mean just correction of current problems.)
3. We have stated that the surveillance system and the technical intelligence system should be separate, and not combined into one collection system. In this respect we support the development of the G system.
4. I note with interest their comment that the improvement of the present M system may yield intelligence information that may surpass that of any single more advanced system we could now design. The proposed M₂ follow on system to our present M was submitted as an improved surveillance program, in part because some felt that the present M program had done about all it could. I do not necessarily agree with this because I think the present M system can be improved, and we have pointed out the same areas of improvement listed in the report, plus stabilization. I feel the present M system has yet to consistently perform up the standard it is capable of.
5. We are working toward a better quality measure of our current product. We also feel that we do not yet have the complete evaluation procedure or techniques worked out.
6. One of the gains we are looking forward to is an improvement in film. If there were to be a significant advancement in film sensitivity and/or resolution it could improve the present M information recording capabilities, and without ever changing the system add to our information gathering potential.
7. We also think that vehicle stabilization is likely to continue to be one of our more acute problems.
8. In the summary the report brings up the question of management to effect exploitation of this material. NPIC can point to a history of readiness which we expect to continue into the future.

50X1

HANDLE VIA TALENT-
KEYHOLE CHANNELS

O N L Y

Distribution:

1 & 2 - Director/NPIC

Chief, Technical Intelligence Division

TOP SECRET